

Embargoed until 10.00 (BST) Monday 11 May 2015**Leading medical experts recognised for excellence in research**

48 researchers from across the UK have been recognised for their contribution to the advancement of medical science by election to the Fellowship of the Academy of Medical Sciences.

Academy Fellows are elected for excellence in medical research, for innovative application of scientific knowledge or for their conspicuous service to healthcare. The expertise of the new Fellows includes addictions, anaesthesia, age-related diseases and animal biology.

Professor Sir John Tooke PMedSci, President of the Academy of Medical Sciences said, *"The Academy of Medical Sciences champions the excellence and diversity of medical science in the UK, and this is clearly demonstrated in this year's cohort of new Fellows. Their broad range of expertise and fantastic achievements to date shows just how strong the Fellowship is – from the NHS knowledge of Sir Andrew Dillon to the policy experience of Professor Christl Donnelly. Their election is a much deserved honour, and I know they will contribute greatly to the Academy. I am delighted to welcome them all to the Fellowship, and look forward to working with them in the future."*

This year, 17 (35%) of the new Fellows are women, compared to 23.2% of bioscience professors in the UK.*

Professor Fiona Gribble FMedSci, elected this year, is a Wellcome Trust Senior Clinical Fellow at the University of Cambridge. Her research focuses on gastrointestinal endocrine cells, which are one of the main targets for developing new anti-diabetic and anti-obesity therapies. She has been presented with numerous awards to recognise her achievements, including the RD Lawrence lectureship, the Lister Prize, the Minkowski prize and the Viktor Mutt medal.

Dr Menelas Pangalos FMedSci, also elected this year, is Executive Vice President of AstraZeneca's Innovative Medicines and Early Development Biotech Unit. He is a visiting Professor at King's College London and a recognised leader in Alzheimer's disease research. He has published more than 130 peer reviewed articles, and is currently overseeing the creation of AstraZeneca's new £330million research facility in Cambridge.

Another new Fellow, Professor Diana Kuh FMedSci of University College London, is the Director of the MRC Unit for Lifelong Health and Ageing, and of the MRC National Survey of Health and Development (NSHD). She has pioneered an interdisciplinary life-course approach to chronic disease epidemiology, especially in women's health and musculoskeletal ageing, looking at how factors in a person's early years affect their health in later life.

Professor Kuh said: *"Becoming a fellow of the Academy of Medical Sciences is a great honour. The research I have the privilege to lead is made possible by my fantastic study team and the commitment of NSHD study members for almost 70 years, since their birth in 1946."*

The new Fellows will be formally admitted to the Academy at a ceremony on Wednesday 1 July 2015.

- 48 Fellows selected from a pool of 362 candidates
- 17 women (35%) and 31 men (65%) elected
- 5 new Fellows are from University College London, and 4 are from each of the following institutions - University of Oxford, University of Cambridge, Imperial College London and the University of Edinburgh. Other new Fellows are drawn from across the UK, including Aberdeen, Southampton and Bath, and from companies including AstraZeneca, Astex and Immunocore.

* She Figures 2012: EU Gender in Research and Innovation Report.

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Notes for Editors

This year Fellows were chosen from 362 candidates. The seven Sectional Committees met in March to consider potential Fellows for 2015 entry to the Academy. Three nominators from within the Fellowship must back each candidate. The Academy Registrar, Professor Moira Whyte, Professor of Respiratory Medicine, University of Sheffield, oversees the election.

The election brings the number of Fellows to 1169.

In 2013, the Academy released the report "Representation of women within the Academy's Fellowship", which scrutinised the nomination and election process for gender balance and equality.

The independent Academy of Medical Sciences promotes advances in medical science and campaigns to ensure these are translated into benefits for patients. The Academy's Fellows are the United Kingdom's leading medical scientists from hospitals, academia, industry and the public service.

Further details may be obtained from The Academy of Medical Sciences, 41 Portland Place, London W1B 1QH. Tel: 020 3176 2183 <http://www.acmedsci.ac.uk>

Full list of Fellows elected in 2015

Professor Wendy Atkin, Professor of Gastrointestinal Epidemiology, Imperial College London
Professor Andrew Baker, BHF Professor of Translational Cardiovascular Sciences, University of Glasgow
Professor Clive Ballard, Professor of Age Related Disease and Co-Director of the Centre for Age Related Disease, King's College London
Professor Roger Barker, Professor of Clinical Neuroscience and Honorary Consultant Neurologist, Addenbrooke's Hospital and University of Cambridge.
Dr Ewan Birney FRS, Associate Director, European Bioinformatics Institute (EMBL-EBI), Wellcome Genome Campus
Professor Sarah Bray, Professor of Developmental Biology, University of Cambridge
Professor Peter Brocklehurst, Director Institute for Women's Health, University College London
Professor Frances Brodsky, Director of the Division of Biosciences and Professor of Cell Biology, University College London
Professor Dame Jessica Corner, Dean of Faculty of Health Sciences, University of Southampton
Professor Yanick Crow, Professor of Genetic Medicine, University of Manchester
Professor John Danesh, BHF Professor of Epidemiology and Medicine and Head of Department of Public Health and Primary Care, University of Cambridge
Sir Andrew Dillon CBE, Chief Executive, National Institute for Health and Care Excellence
Professor Caroline Dive, Professor of Cancer Pharmacology and Deputy Director Cancer Research UK Manchester Institute, University of Manchester
Professor Mary Dixon-Woods, Professor of Medical Sociology and Wellcome Trust Investigator, University of Leicester
Professor Christl Donnelly, Professor of Statistical Epidemiology, Imperial College London
Professor Elaine Dzierzak, Chair of Haematological Regeneration, University of Edinburgh
Professor Paul Emery, Arthritis Research UK Professor of Rheumatology, Director - Leeds Musculoskeletal Biomedical Research Unit, LTHT, Director – Leeds Institute of Rheumatic and Musculoskeletal Medicine, University of Leeds
Professor Jorge Ferrer, Chair of Genetics and Medicine; Head of Epigenomics and Disease Section, Imperial College London
Professor Matthew Freeman FRS, Professor of Pathology and Head of Dunn School of Pathology, University of Oxford
Professor Peter Ghazal, Chair of Molecular Genetics and Biomedicine, University of Edinburgh
Professor Neil Gow, Director of Research and Commercialisation at College of Life Sciences and Medicine, University of Aberdeen
Professor Seth Grant, Professor of Molecular Neuroscience, University of Edinburgh
Professor Fiona Gribble, Professor of Endocrine Physiology, University of Cambridge
Professor Simon Hay, Professor of Epidemiology, University of Oxford
Professor Kairbaan Hodivala-Dilke, Professor of Angiogenesis; Deputy Director of Barts Cancer Institute, Queen Mary University of London
Professor Laurence Hurst FRS, Professor of Evolutionary Genetics, University of Bath
Professor Bent Jakobsen, Chief Scientific Officer, Immunocore Ltd
Dr Harren Jhoti, President and CEO, Astex Pharmaceuticals
Professor Paul Kaye, Professor of Immunology; Director Centre for Immunology and Infection, University of York and Hull York Medical School

Professor David Klenerman, Professor of Biophysical Chemistry, University of Cambridge
Professor Diana Kuh, Professor of Life Course Epidemiology and MRC Director, University College London
Professor Catherine Law, Professor of Public Health and Epidemiology, Institute of Child Health; University College London
Professor Janet Lord, Professor of Immune Cell Biology; Director MRC-Arthritis Research UK Centre for Musculoskeletal Ageing Research, University of Birmingham
Professor Andrew Loudon, Beyer Professor of Animal Biology, University of Manchester
Dr Ruth McKernan, Chief Executive, Innovate UK
Professor John McMurray, Professor of Medical Cardiology and Honorary Consultant Cardiologist, University of Glasgow
Professor Massimo Palmarini, Professor of Virology and Director of the MRC-University of Glasgow Centre for Virus Research, University of Glasgow
Dr Menelas Pangalos, Executive Vice President and Global Head, AstraZeneca
Professor Ian Pavord, Professor of Respiratory Medicine, University of Oxford
Professor Aziz Sheikh, Professor of Primary Care Research & Development and Co-Director Centre for Population Sciences, University of Edinburgh
Professor John Strang, Professor of Addictions; Head of Addictions Department, King's College London
Dr Charles Swanton, Senior Group Leader Francis Crick Institute and Chair in Cancer Medicine University College London Hospitals and Cancer Institute
Dr Sarah Teichmann, Research Group Leader EMBL-European Bioinformatics Institute & Senior Group Leader, Wellcome Trust Sanger Institute
Professor Alan Thompson, Dean, Faculty of Brain Sciences, University College London
Professor Irene Tracey, Nuffield Professor Anaesthetic Science and Head Nuffield Division of Anaesthetics, University of Oxford
Professor Charlotte Watts, Professor in Social and Mathematical Epidemiology, London School of Hygiene and Tropical Medicine
Professor Michael Way, Senior Group Leader, The Francis Crick Institute, Lincoln's Inn Fields Laboratory; Professor of Virology Imperial College London
Professor Martin Wilkins, Professor of Clinical Pharmacology; Head of Department of Medicine, Imperial College London